



Cooperating with the University of Arkansas – Division of Agriculture
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Reporting for the week ending July 31, 2011.

General

The heat wave continued last week across the state of Arkansas as scattered showers provided little relief from the heat and temperatures remained well above normal for this time of year. All thirty-six weather stations recorded above normal temperatures for the week, with Fort Smith reporting temperatures as high as nine degrees above normal. Highs ranged from 95 degrees Fahrenheit at Newport to 107 degrees Fahrenheit at Fort Smith. Low temperatures ranged from 65 degrees Fahrenheit at Calico Rock to 78 degrees Fahrenheit at Fort Smith. Rain showers occurred mainly in the central and southern regions of the state, as Monticello reported the most precipitation at 1.90 inches. Topsoil moisture supplies were 48 percent very short, 41 percent short, and 11 percent adequate. Subsoil moisture supplies were 43 percent very short, 41 percent short, and 16 percent adequate. Producers had 6.7 days suitable for fieldwork last week.

Crops

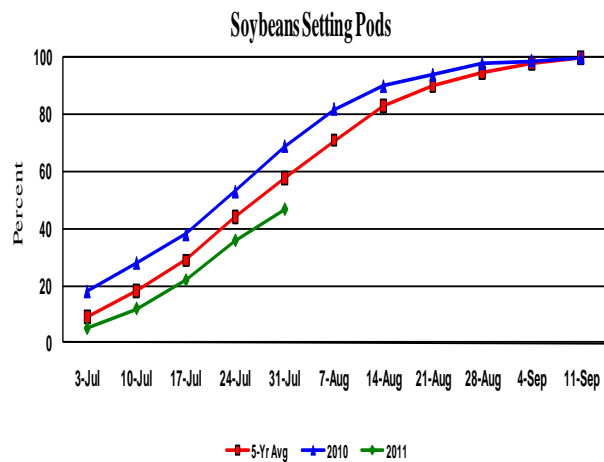
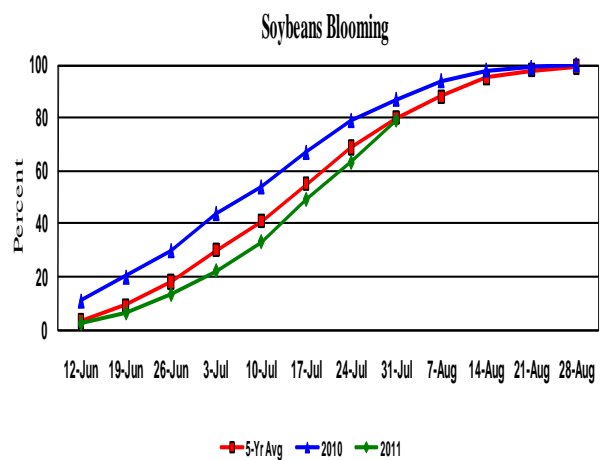
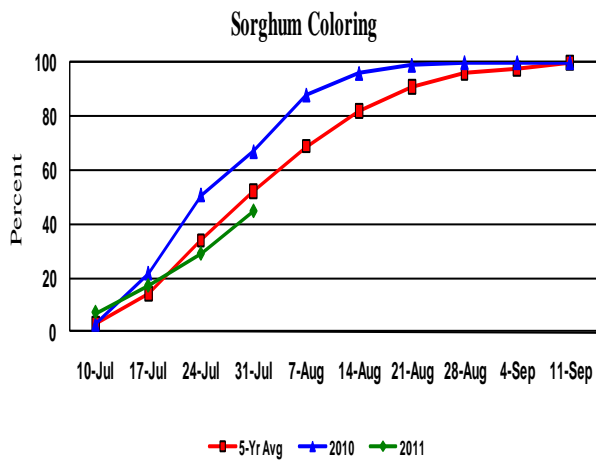
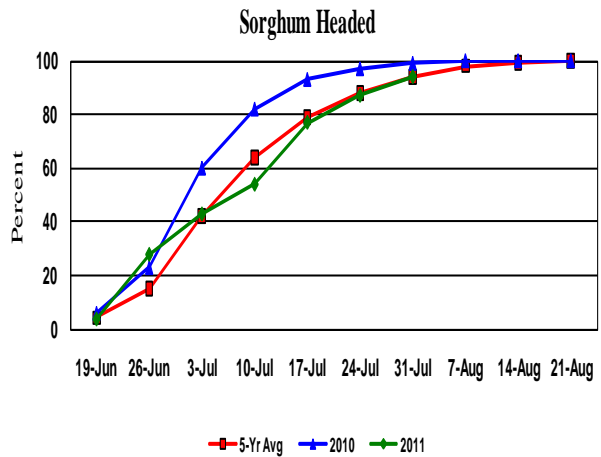
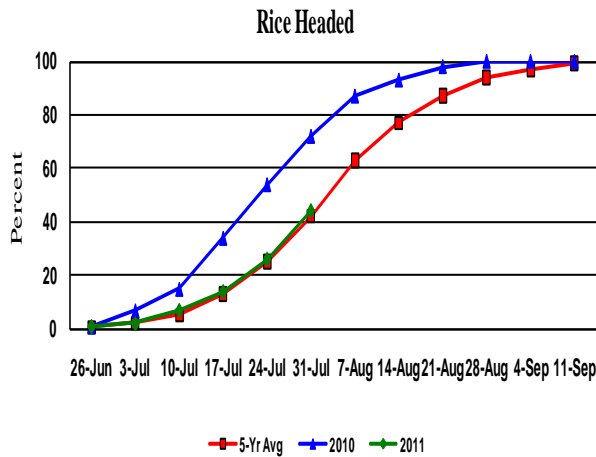
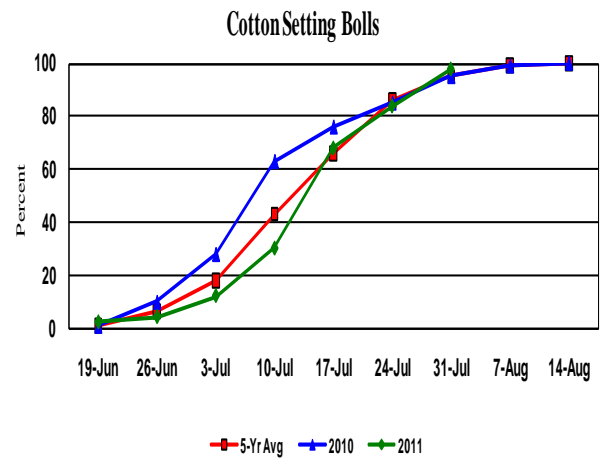
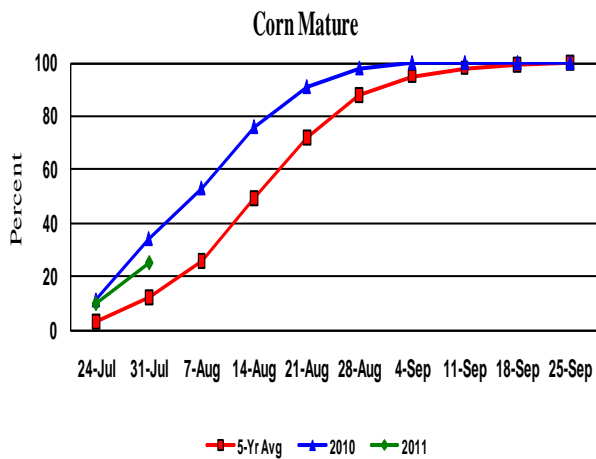
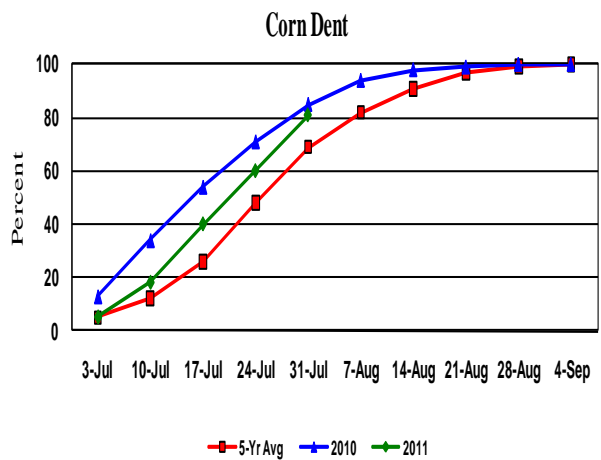
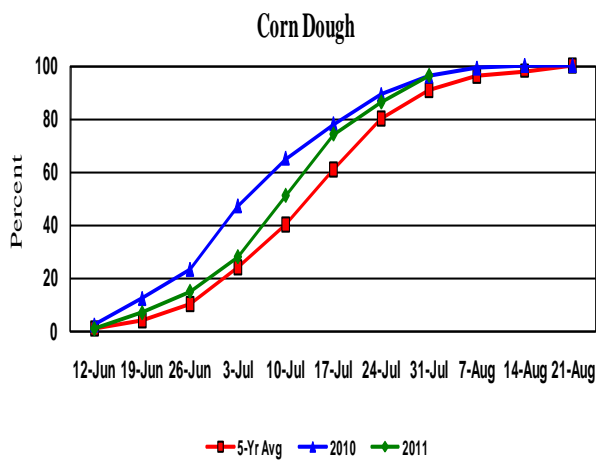
The corn crop was 96 percent in the dough stage, 81 percent in the dent stage, and 25 percent mature by the end of last week. Ninety-eight percent of the cotton crop was in the setting bolls stage. Rice headed reached 44 percent, and there were several reports of producers applying insecticides to fields for stinkbug control. Sorghum headed reached 94 percent by week’s end with 45 percent of the crop reaching the coloring stage. The sorghum crop was just beginning to mature last week. Soybeans bloomed had reached 79 percent, and 47 percent of the crop was setting pods. Soybean producers continued to irrigate their crop last week and to apply insecticides to reduce earworm populations.

Livestock

Livestock condition remained mostly fair to good, but cattle were showing signs of heat stress in some areas. Pasture and range and hay conditions declined sharply as the hot and dry weather persisted for another week. Much like last week, there were reports of producers feeding hay and selling cattle due to a lack of forage.

Percent of Progress					
Crop	Stage	Current Week	Previous Week	2010	5-Year Avg
Corn	Dough	96	86	96	91
	Dent	81	60	85	69
	Mature	25	10	34	12
Cotton	Setting Bolls	98	84	95	95
Rice	Headed	44	26	72	42
Sorghum	Headed	94	87	99	94
	Coloring	45	29	67	52
	Mature	1	0	8	3
Soybeans	Blooming	79	63	87	80
	Setting Pods	47	36	69	58

Condition in Percentages					
Crop	Very Poor	Poor	Fair	Good	Excellent
Corn	13	17	30	33	7
Cotton	6	12	35	36	11
Rice	4	9	31	44	12
Sorghum	2	12	39	42	5
Soybeans	6	17	35	34	8
Hay-Alfalfa	13	50	25	10	2
Hay-Other	35	39	23	3	0
Pasture and Range	37	42	16	5	0



Temperatures and Precipitation Week Ending July 31, 2011									
District	Station	Temperatures			Rainfall				
		High	Low	Dep from Normal *	Wk Ending Jul 31	4 wk Accum	4 wk Normal	Year-to-Date	
								2011	Normal
Northwest	Fayetteville	101	70	6	0.00	0.63	2.73	34.58	28.32
	Harrison	101	70	5	0.40	0.61	2.40	32.90	27.49
N. Central	Calico Rock	100	65	4	0.20	0.72	2.74	33.26	28.38
	Gilbert	102	67	4	0.00	0.37	2.31	31.57	27.49
	Greers Ferry	98	72	3	0.30	1.46	3.06	31.89	31.37
	Mtn. Home	100	72	5	0.05	1.32	2.40	36.59	27.82
Northeast	Batesville	98	72	3	0.22	1.67	2.80	36.54	29.22
	Blytheville	100	75	4	0.43	1.04	3.53	31.85	33.17
	Jonesboro	98	74	4	0.17	2.01	2.46	32.04	29.03
	Keiser	99	75	5	0.00	3.27	3.19	42.76	32.43
	Newport	95	75	3	0.00	1.95	2.96	32.08	30.48
W. Central	Booneville	105	74	5	0.08	1.38	3.12	29.94	29.81
	Clarksville	104	75	8	0.02	0.50	2.57	27.16	28.83
	Dardanelle	104	73	5	0.00	1.69	2.95	28.40	30.31
	Ft. Smith	107	78	9	0.21	0.27	2.83	26.74	27.23
	Mena	100	71	6	0.87	1.93	4.52	27.48	36.35
	Ozark	104	76	8	0.00	0.35	3.12	28.35	27.99
Central	Conway	102	75	3	0.22	2.67	2.57	33.94	30.09
	Hot Springs	100	72	4	0.12	2.94	3.73	30.94	36.08
	Little Rock	104	74	4	0.16	0.24	2.95	30.11	31.64
	Morrilton	106	74	8	0.00	0.66	2.48	29.21	29.93
	N. Little Rock	103	75	3	0.37	1.18	2.85	33.75	30.66
E. Central	Brinkley	98	75	4	0.20	2.40	2.81	38.95	32.47
	Marianna	98	73	2	1.27	4.38	3.41	38.20	34.74
	Stuttgart	99	75	2	0.31	2.05	2.88	30.65	31.96
	West Memphis	100	73	3	0.11	2.08	2.94	33.07	34.33
Southwest	DeQueen	106	72	6	0.00	0.42	3.62	26.95	34.26
	Hope	104	72	6	0.73	1.61	3.36	23.49	33.41
	Texarkana	105	73	5	0.00	0.47	3.34	18.58	29.20
S. Central	Camden	105	72	4	0.50	2.53	3.46	26.47	33.86
	El Dorado	99	73	2	0.14	1.76	3.68	19.43	35.69
	Warren	102	70	2	1.40	4.10	3.62	17.00	36.07
Southeast	Eudora	100	74	3	0.11	3.49	3.21	23.52	38.33
	Monticello	100	74	3	1.90	4.53	3.65	22.16	36.37
	Pine Bluff	103	73	3	0.00	1.39	3.63	26.43	33.24
	Rohwer	96	73	2	0.96	3.73	3.40	23.13	34.28

* Departure from normal = $\frac{(\text{high} - \text{low})}{2} - 30$ year average

Produced by: United States Department of Agriculture – NASS Arkansas Field Office Becky L. Cross, Director	In cooperation with: University of Arkansas – Cooperative Extension Service Dr. Tony Windham, Associate Vice President for Agriculture - Extension and Director, Cooperative Extension Service
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